

# RESUME

1. Name : Dr. MONANGI MURALI

2. Present Address(Res.) : 39-3, Near Geethanjali School,  
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3. Nationality : Indian

4. Religion : Hindu

5. Date of Birth : 15-06-1964

6. EDUCATIONAL QUALIFICATIONS:

(From UG onwards)

S.No.	Qualification	University/Institute	Specialization	Other remarks
1.	B.Tech.(Civil Engg.)	University College of Engg. JNTUK, Kakinada	Civil Engg.	First class with distinction. Year of award -1985
2.	M.E.(Env.Engg.)	University College of Engg., Andhra University, Vizag	Env.Engg.	First Class. Year of award – 1988
3.	Ph.D.(Civil Engg.)	JNTU, Hyderabad	Civil Engg.	Year of award – 2008

7. Details of Doctoral Thesis :

Area of Thesis work :

GROUND WATER POLLUTION

Title of Thesis :

“Studies on Ground water quality in relation to low cost sanitation in Jodigullapalem and Arilova areas of Visakhapatnam”.

8. Professional Experience :

Total Experience – 28years

S.No.	Institute/Organization	Position held	Date of Joining	Up to
01	S.V.H. College of Engg., Machalipatnam	Lecturer in Civil Engg.(selected & ratified by Nagarjuna University)	22-03-88	19.9.98 (10 yrs.)
02	GITAM University, Visakhapatnam	Sr.faculty, Dept. of Civil Engg.(selected & ratified by Andhra University)	21-09-98	25.2.08 (10 yrs.)
03	GMRIT, Rajam	Professor in Civil Engg.	26-02-08	3.9.08
04	NIT, Narasaraopet	Founder Principal(ratified by JNTUK University)	04-09-08	01-04-12 (4 yrs)
05	KITS,Khammam	Principal	02-04-12	23.11.13 (2 Yrs)
06	VIGNAN University,Guntur	Head & Dean(E&M	27.11.13	19.07.14
07	AITAM,Tekkali	Head & Dean(R&D) (ratified by JNTUK)	21.7.14	31.01.17 (3 Yrs)
08	SVPEC ENGG. COLLEGE, VSP	Principal	01.02.17	Till date

## 9. Research projects completed as Principal Investigator:

S.No.	Title of the Project	Funding agency	Sanctioned amount and Year of Sanction	Duration of the Project	Present status
1.	“Infiltration of Leach Pit Latrine systems effluent into ground water of slum areas of Visakhapatnam”	APCOST	Rs 5,000/- (2001-02)	6 Months	Completed as Principal Investigator
2.	Studies on environmental effect of integrated low cost sanitation system in suburban slum areas of Visakhapatnam	University Grants Commission (UGC)	Rs 5, 59,000/- (2002-05)	3 Years	Completed as Principal Investigator
3	Seminar grant for workshop	SERB,DST	Rs.1,00,000/- (2015)	2 days workshop	Completed as convener
4.	Mapping,Monitoring and conservation of Srikakulam Coastal wetlands environment using GPS, RS & GIS	NRDMS,DST	Rs.5,97,630/-	2 years	On going

## 10. Research Experience

### (A) Ph.D.Scholars presently working :

S.No.	Name of the Research Scholar	Title of the Thesis	Year of Award of Ph.D.	University/ Institute who has awarded the degree	Supervisor/ Co-Supervisor
1	Mrs. Suguna Kumari	Biosorption	Pursuing	JNTUK	Main Supervisor

### (B) Number of Publications :

S.No.	Status of Journal	During Ph.D programme	After Ph.D programme
1	International journals	12	09
2	National journals	01	01
3	International Conferences	05	04
4	National Conferences	12	03

### (C) List of Publications :

International Journals	:	21 (List enclosed as Annexure – I)
National Journals	:	02 (List enclosed as Annexure – II)
International Conferences	:	09 (List enclosed as Annexure – III)
National Conferences	:	15 (List enclosed as Annexure – IV)

**(D) Areas of research interests** : Infiltration of effluent into ground water of slum areas, Environmental effect of integrated low cost sanitation system, Air Pollution Monitoring, Resuse of Industrial Waste, Assessment of noise level due to vehicular traffic, Adsorption of pollutants by Plant material.

**11. Membership in Professional organizations** : a) Indian Association of Environmental Management.  
b) Indian Society for Technical Education.  
c) Institution of Engineers (India)

**12. Orientation courses / Refresher courses / Summer schools (FDPs) attended:**

S. No.	Title	Duration	Institution
1.	Summer School on “Water Resources Exploration, Exploitation and Management in Context of Rural Environment”	From 15-6-1992 to 28-6-1992 (2 Weeks)	Conducted By A.U. College of Engg, Visakhapatnam
2.	Induction Training Orientation Course of AICTE	From 01-5-1995 to 20-05-1995 (3 weeks)	Organised by the Academic Staff College, Andhra University, Visakhapatnam
3.	Induction Training Refresher Course of AICTE	From 13-5-1996 to 31-5-1996 (3weeks).	Organised by the Academic Staff College, Andhra University, Visakhapatnam
4.	Winter School on “Under Ground Water Pollution Control and Remedial Measures”	During Sept’ 2000. (2weeks).	Organised by Vellore Institute of Technology (Deemed University), Vellore
5	Technical teacher training on instructional design and delivery	From 23.1.07 to 28.1.07( 1 week)	Institute of Technical Teachers’ Training and Research, Govt. of India, Chennai.
6	“Geospatial Data and its Applications”.	From 22.09.2014 to 12.10.2014( 3 weeks)	Organized by Aditya Institute of Technology and Management, Tekkali, Srikakulam Dist.
7	Formulation of Research & Development Initiatives for Scientists and Technologists.	From 24.11.2014 to 27.11.2014( 1 week)	Organized by Engineering Staff College of India, Hyderabad.

**13. Other information (if any) : Actively involved in consultancy as mentioned below:**

Title of the work	Name of the organization for which work was done	Duration and period of work	Amount received as consultancy fee
Routine testing of water, waste water, cement, steel, concrete, soil	Government organizations like APSRTC, Municipality and Private Organizations	19 years (as and when clients are approached) (1988-2007)	Rs.2,00,000/- (Approximately) (As a member of Team)
Air Quality Monitoring	Visakhapatnam Port Trust	1 year (2002-2003)	Rs.6,00,000/- (As a member of team)
Air Quality Monitoring	Visakhapatnam Port Trust	4 months (2004)	Rs.48,000/- (As Principal consultant)
Surveying, Design of water supply sewerage system and treatment plants etc.	Grater Visakhapatnam Municipal Corporation	2 years (2005-2007)	Rs.40,00,000/- (approximately)(As a member of team)
Total station survey for Hanumanthawaka and Gajuwaka junctions	Feedback Turnkey Engineers (NHAI)	2 Days (2008)	Rs.7,000/- (As principal consultant)

- 14. REFERENCES** : 1. **Dr.G.K.Viswanadh**  
**Co-Convener(EAMCET-2014)**  
**Professor in Civil Engg.**  
**JNTUH College of Engg.**  
**Kukatpalli,Hyderabad**  
**Cell:9849163875**
2. **Prof.T.D.Gunneswara Rao**  
**Dept. of CIVIL Engineering**  
**NIT, Warangal.**  
**Cell:8332969249, 9441136676**

**Annexure: I**

**LIST OF PUBLICATIONS IN INTERNATIONAL JOURNALS**  
**(in IEEE/ASME/ASCE format)**

01. M. Murali. (2016). “ Some studies on the Removal of Chromium from Electroplating Industry Waste by Hibiscus mutabilis” Nature, Environment & Pollution Technology(SCOPUS INDEXED), (In Press)
02. M. Murali. (2015). “ Some preliminary studies on the removal of chromium from electroplating industry waste using plant material and activated Charcoal.” IJEP(SCOPUS INDEXED), 35(10), 793-798
03. B.Srinivasa Rao, S.V.Maruti Prasad and M.Murali.(2015) “Water treatment for removal of heavy metals and specific physico-chemical parameters by using different natural coagulants” IJEP(SCOPUS INDEXED), 35(10),811-813

04. **M. Murali. (2015). "Impact of on-site sanitation systems on ground water quality-A case study through water quality index" IJEP(SCOPUS INDEXED), 35(8), 617-633**
05. **Murali. M., Raju, M.V.S., and Srinivas, N. (2014). " some studies on Impact of on-site sanitation systems on ground water quality through water quality index". IJEP(SCOPUS INDEXED), 34(11), 930-949**
- 06 **Murali, M., Raju, M.V.S., and Srinivas, N. (2011). "Impact of low cost sanitation system on soil qualities through soil column studies – A case study". IJEP(SCOPUS INDEXED), 31(2), 89-98**
- 07 **Murali, M., Chandan Kumar, P., Raju, P.S.N. (2010). "Some studies on Reuse of Industrial Waste". Poll.Res.J. (SCOPUS INDEXED), 29(2), 301-304**
- 08 **Ramachandra Rao, G.V., Murali, M., Satya Prasad, K., Rama Rao, C.B. (2008). "Air Pollution Monitoring : A new use of Mox sensors, cellular phone network and Micro controllers" International Journal of Environment and Development., 5(2), 251-254**
- 09 **Sharma, P.S., Gopala Raju, S.S.S.V., and Murali, M., Prasad, C.S.R.K. (2007). "Assessment of Noise level due to vehicular traffic at Warangal City, India". International Journal of Environment and Pollution(SCOPUS INDEXED), 30(1), 137-153**
- 10 **Murali, M., Swarupa Rani, B. (2005). "Some studies on impact of integrated low cost sanitation on ground water quality jodugullapalem slum area, Visakhapatnam, India",. Poll.Res.J. (SCOPUS INDEXED), 24(1), 35-39**
- 11 **Murali, M., and Uma Maheswara Rao, B. (2005). "Soil pollution due to integrated low cost sanitation at Appanna colony, Visakhapatnam – A case study",. Poll.Res.J. (SCOPUS INDEXED) 24(1), 143-147**
12. **Murali, M., and Indira, T., (2004). "Some studies on groundwater contamination due to integrated low cost sanitation in slum areas of visakhapatnam." Nature Environment and Pollution Technology(SCOPUS INDEXED), 3(3), 249-253**
- 13 **Murali, M., and Siva Tej Nag, P. (2004). "Impact of integrated low cost sanitation on soil-A Case Study",. Nature Environment and Pollution Technology(SCOPUS INDEXED), 3(2), 185-190**
14. **Murali, M., and Sridevi, Y. (2002). "Adsorption studies on Removal of Nickel by Cassia Occidentalis",. Nature Environment and Pollution Technology(SCOPUS INDEXED), 1(2), 159-160**
15. **Murali, M., and Sreenivas, M., (2002). "Studies on the effect of salinity on Engineering properties of soil". Nature, Environment & Pollution Technology(SCOPUS INDEXED), 1(1), 35-37**
- 16 **Murali, M., and Sai Suseela , K. (2001). "Some studies on Adsorption of Nickel by Tephrosia Purpurea",. IJEP. (SCOPUS INDEXED), 21(12), 1073-1074**
- 17 **Murali, M., and Satyanarayana, T., (2001). "A study on sources of Water Pollution at Machilipatnam, A.P." Poll.Res.J. (SCOPUS INDEXED), 20(3), 471-473**
- 18 **Murali, M., and Srinivasa Reddy, A., (1996). "Some studies on application of Analysis of Water Pollution in estimating the ground water pollution at Machilipatnam". IJEP. (SCOPUS INDEXED) 16(7), 515-516**
- 19 **Srinivas, M., and Murali, M., (1996). "Some studies on effect of Pollutants on Properties of Soil". IJEP. (SCOPUS INDEXED), 16(7), 522-523**
- 20 **Srinivas, M., and Murali, M., (1996). "Some studies on Ground Pollution due to Prawn Ponds**

- 21 Viswanadham, V., and Murali, M., (1996). “Analysis of Ground Water Pollution at Pedana – A Case study”, IJEP. (SCOPUS INDEXED), 16(7), 502-504

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Annexure - II

LIST OF PUBLICATIONS IN NATIONAL JOURNALS  
(in IEEE/ASME/ASCE format)

- 01 Gopala Raju, SSSV., Murali, M., and Rengaraju V.R. (2007). “Reuse of polythene waste in road construction.” N.E.E.R.I. Journal of Environ.Science&Engg. (SCOPUS INDEXED), 49(1), 67-70
- 02 Murali, M., and Hanumanth Rao, D., (2001). “Some studies on Soil Fly Ash Burnt Bricks.” Journal of Advances in Science & Technology., 4(I and II), 47-50

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**Annexure - III**

**Papers presented in International Seminars**

01. M.Murali (2016) “Smart sustainable cities” conducted by VRSEC & CRDA, Amaravathi.
02. M.Murali (2015) “Trend Setting Innovations in Chemical Sciences & Technology – Applications in Pharma Industry (TSCST-API 2015).” JNTUH, Hyderabad.
03. M.Murali(2014) “ Effects of Emissions & Effluents on Environment EEEE-2014” A.U.College of Engineering (A), Andhra Univeristy, Visakhapatnam.

04. Murali, M.(2014). “Professional Engineers:Challenges in Disaster Management”.GITAM University, Visakhapatnam.
05. Murali, M., (2005). “Studies on ground water quality in relation to low cost sanitation in Jodugullapalem and Arilova areas of Visakhapatnam.” (Wah 05), SJCE, Mysore.
06. Murali, M., Khasim Beebi, Sk., Suresh Kumar, K. (2003). “A Review of Cloud seeding Experiments in Andhra Pradesh.” WCRD 31, JNTU, Hyderabad.
07. Murali, M., Nani Babu, A., (2003). “Hazards due to infiltration of Integrated Low Cost Sanitation System’s Effluent into Groundwater – A Case Study.” CEIWRD-35, JNTU, Hyderabad., and SCHANISJ, Hyderabad.
08. Murali, M., (2003). “A Review of cloud seeding experiments in A.P.” JNTUK, Hyderabad., NAC, Hyderabad., and SCHANISJ, Hyderabad.
09. Murali, M., (2003). “Environmental Planning For Minimising Impact Of Industrial Accidents.” JNTU, Hyderabad., and SCHANISJ, Hyderabad.

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#### **Annexure - IV**

#### **Papers presented in National Seminars**

01. Murali M.(2015) “National Conference on Environment and Renewable Energy (NCEE-15)”. K.L.University,Vijayawada
02. Murali M.(2015) “PEPSCON – Smart, Swift, Robust Capital City for Andhra Pradesh in Making”. K.L.University,Vijayawada.
03. Murali, M., (2014). “Twenty First Century, the dawn of Digital Era:Pedagogical Issues of



- Technical Teachers” Aditya Institute of Technology and Management, Tekkali, Srikakulam Dist.
04. Murali, M., (2005). “Some Studies on Impact of Integrated Low Cost Sanitation on Ground Water Quality in Slum Areas of Visakhapatnam.” Andhra University, Visakhapatnam.
  05. Murali, M., (2001). “Adsorption studies on removal of Nickel by leaf powders.” Andhra University, Visakhapatnam.
  06. Murali, M., (1999). “A Study on distribution of Industrial Air Pollutants over Visakhapatnam City Using Gaussian Model.” GITAM and AUCE, Visakhapatnam.
  07. Murali, M., (1998). “Some studies on sources of water pollution at Machilipatnam, AP – A Case Study”. Peoples Education Society Institute of Technology, Bangalore.
  08. Sreenivasa Reddy, A., Murali, M., and Hanumantha Rao, D. (1996). “A Study of Machilipatnam Soil Fly Ash Burnt Bricks.” Annamalai University, Annamalai Nagar, 49-52.
  09. Murali, M., Sreenivas, M., (1996). “Some studies on effectiveness of common salt in sub-structure construction.” Annamalai University, Annamalai Nagar
  10. Murali, M., and Srimahavishnu, V., (1996). “A Study On Environmental Impact Assessment Of Some Of The Water Resources Projects In India.” GITAM, Visakhapatnam.
  11. Viswanatham, V., Murali, M., (1996). “Analysis Of Ground Water Pollution At Pedana – A Case Study.” NUPG Centre, Nuzvid.
  12. Srinivas, M., Murali, M., (1996). “Some Studies On Ground Pollution Due Prawn Ponds In Coastal Mandals Of Krishna District.” NUPG Centre, Nuzvid.
  13. Murali, M., Srinivas Reddy, A., (1996). “Some Studies On Application Of Analysis Of Water Pollution In Estimating The Ground Water Pollution At Machilipatnam.” NUPG Centre, Nuzvid.
  14. Sreenivas, A., Murali, M., (1996). “Some studies on application of analysis of Industrial Pollutants in Soil Testing.” NUPG Centre, Nuzvid.
  15. Murali, M., (1995). “Reuse Management Of Water In Drought Prone Areas”. Cuddapah.

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